

From: Aaron Nissen
To: Dave Spence; Garry Christensen; Howard Scott; James Burr; James Nelson; Jerry Hintze; Jim Knapp; Jon Christensen; Phil Hailes; Richard Schmit; Rob Jeffrey; Wes Bloomfield
Date: 5/10/2004 7:37:38 AM
Subject: U2 Burner Setup & Tuning

Punchlist Items: week of 5/10/04

Sec Air/ Windbox Dampers Garry-C/ Dave-S/ Phil-H
Problem- east to west O2 unbalance, looking for dampers not aligned (east to west match) or linkages bound up
Set pulv to manual, run SA dampers 100% and mark all damper shafts, verify positions at minimum and then stroke dampers to check movement

Backpass Gas Bias Dampers (Prim RH & Prim SH- Econ) Garry-C/ Dave-S/ Phil-H
Problem- east to west O2 unbalance, looking for damper groups not working, pushing gas flow east or west
Set dampers to manual, run dampers 100% and mark all damper shafts, verify positions at minimum and then stroke dampers to check movement

U2 O2 probe- I&C support WOR# 103889
Problem- U2 probe #6 & #7 consistently is reading high (up to 1.5%) O2
need to look for air in- leakage, check/ replace O2 probe gasket seal

U2 C coal feeder- I&C support WOR# 103888
Problem- Pulv/ feeder isn't performing correctly, high coal bias & PA flow bias plus loads up
Conduct loop feeder calibration check thru CCS, feeder has been calibrated twice since Outage
need to check not only locally but back thru CCS, does the feeder with calibration chain read indicated coal flow in the control system (check electronics- A to D conversion cards, etc.)

U2 Econ Gas Exit Temp 2SGAPX3015
Problem- EGOT reading 40F lower than Prim RH & Prim SH-Econ exit gas temps
Check T/C's and swamp box for bad inputs

U2 PI points Garry-C/ James-B
Add PI Points, need Sec Air/ Windbox Dampers Bias positions added from CCS

U2 Controls Tuning Jerry-F/ Bill-M
Have problem getting steady state conditions for burner tuning, see O2 fluctuations of up to 2.0%
Operations went to high speed on the PA fans to help prevent pulverizers from loading up,
but see problems with feedwater flow variations (drum level transmitters recently calibrated)
as well as main steam sprays variations (recent- controls tuning and setup work has helped this problem)

+++++
other activities